



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/800,952	03/07/2001	Yigang Cai	Cai 19-13	6742

7590 11/04/2004

Fay Sharpe Fagan Minnich & McKee LLP  
1100 Superior Avenue  
Seventh Floor  
Cleveland, OH 44114-2518

EXAMINER

AL AUBAIDI, RASHA S

ART UNIT	PAPER NUMBER
2642	

DATE MAILED: 11/04/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/800,952

Applicant(s)

CAI ET AL.

Examiner

Rasha S AL-Aubaidi

Art Unit

2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 21 October 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1, 7-12 and 22-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 7-12, and 22-29 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

***Response to Amendment***

1. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

***Claim Rejections - 35 USC § 102***

3. Claims 1, 7-8, 11, 22-24, and 28 are rejected under 35 U.S.C. 102(e) as being anticipated by Bauer et al (US PAT # 6,310,946).

Regarding claim 1, Bauer teaches a Public Switched Telephone Network (PSTN, this may read on the network 12 that provides the service to the end user at telephone sets 14 within network 10, see FIG. 1, also col.2, lines 26-59), an advanced Internet call session managing method comprising the steps of: storing in a database (reads on element 21 in FIG. 1) a subscriber's caller screening criteria (reads on the interrupt code, see col.2, lines 1-2), said criteria including at least one of calling line identification restrictions, caller identification restrictions, date restrictions, day of the week restrictions, and time restrictions (see col.3, lines 5-25); connecting the subscriber's telephone line to an Internet Service Provider (see col.1, lines 34-37); when a telephone call is placed to said subscriber's telephone line (see col.3, lines 39-44), ascertaining whether a calling party has input a subscriber-defined access code (this reads on the subscriber/calling party entering an interrupt code, see col. 3, lines 45-47) and whether the calling party number is permissible according to said criteria (this reads on verifying the interrupt code in database 21, see col. 3, lines 65-67 and col. 4, lines 1-11), said

Art Unit: 2642

access code comprising an ICW trigger code adapted to trigger the operation of said ICW server and established by the operator of said PSTN and a security code (the trigger reads on OSS 18, which sends a signal to the local end switching office , see col.2, lines 40-53, col.4, lines 1-13, and col.5, lines 6-9); connecting said calling party to said ICW server and enabling it (this reads on bridging the two parties, see col. 4, lines 34-46), if said calling party has input said access code; not connecting said calling party to said ICW server if said calling party has not input said access code ; and via said enabled ICW server, displaying caller identification information to said subscriber when a call has been connected to said ICW server to allow said subscriber to cause said call to be connected, or ignore the call (see col.3, lines 10-19, the display will be inherent).

Claims 22 and 27-28 are rejected for the same reasons as discussed above with respect to claim 1. Also, for claim 27, Logging the telephone call for future review (this feature is optional, since storing the telephone might be helpful for speed dial) and processing the telephone call where the caller has input an access code via a DTMF keypad before dialing the subscriber's telephone number (this is inherent), wherein the access code comprises a series of trigger digits.

Regarding claims 7 and 23, Bauer teaches the calling party inputs said access code as part of a prefix to said subscriber's telephone number when said

Art Unit: 2642

calling party places a call to said subscriber's telephone line (the access code reads on interrupt code, see col.3, lines 45-55).

Regarding claims 8 and 24, Bauer teaches prompting said calling party to input said access code (this basically means asking the calling party to enter the interrupt code, see col.4, lines 62-64).

Regarding claim 11, Bauer teaches the use of a local switch (this reads on first local switching system 12, see FIG. 1).

***Claim Rejections - 35 USC § 103***

4. Claims 9-10, 12, 25-26, and 29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bauer.

Regarding claims 9-10 and 25-26, Bauer does not specifically teach maintaining a subscriber reviewable log of all telephone calls attempted to be made to the subscriber during a subscriber's Internet Call session.

However, it would have been obvious to one of ordinary skill in the art at the time the invention was made to create a log of telephone calls that keeps track of all missed calls while subscriber was on an Internet session. An advantage of such a feature is old and well known in the art. This is analogous to

Art Unit: 2642

"missed calls" on cellular phones. It provides the subscriber with useful information, which he/she may use to call back those who attempted to call him/her.

Claim 12 recites the steps of methods, which are carried out via an Intelligent Network. When certain features like call waiting, call blocking, or call forwarding are able to be applied in an PSTN, then obviously it is possible to be apply in a different environment such as an intelligent network. That is, feature may obviously be used in different types of network.

Regarding claim 29, the steps of the method are carried out via an intelligent Network. Obviously these steps can be carried in any environment.

### ***Response to Arguments***

5. Applicant's arguments have been fully considered but they are not persuasive.

Most of applicant's arguments are addressed in the above rejection.

### ***Conclusion***

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rasha S AL-Aubaidi whose telephone

Art Unit: 2642

number is (703) 605-5145. The examiner can normally be reached on Monday-Friday from 8:30 am to 5:30 pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ahmad F Matar, can be reached on (703) 305-4731. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-4700.

Examiner

Rasha S Al-Aubaidi

10/29/2004

  
AHMAD MATAR  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600